

SEQUENCE LISTING

<110> HECKER, MARKUS
WAGNER, ADREAS H.

<120> Functional correction of the -786C/T-variance of the human eNOS-gene

<130> DEBE:052US

<140> UNKNOWN
<141> 2005-03-01

<150> PCT/DE 03/02901
<151> 2003-09-12

<150> DE 102 42 319
<151> 2002-09-12

<160> 63

<170> PatentIn version 3.1

<210> 1
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<400> 1
agctcttccc tggccggctg ac 22

<210> 2
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<400> 2
gtcagccggc cagggaagag ct 22

<210> 3
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<400> 3
agctcttccc tggctggctg ac 22

<210> 4
<211> 22
<212> DNA

<213> Artificial Sequence
 <220>
 <223> Decoy-Oligonucleotide
 <400> 4
 gtcagccagc caggaagag ct 22

<210> 5
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Decoy-Oligonucleotide
 <400> 5
 cttccctggc cggctgacc tgc 23

<210> 6
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Decoy-Oligonucleotide
 <400> 6
 gcagggtcag ccggccagg aag 23

<210> 7
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Decoy-Oligonucleotide
 <400> 7
 cttccctggc tggtgacc tgc 23

<210> 8
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Decoy-Oligonucleotide
 <400> 8
 gcagggtcag ccagccagg aag 23

<210> 9
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Decoy-Oligonucleotide

 <400> 9
 gctcttccct ggccggctg 19

 <210> 10
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 10
 cagccggcca gggaagagc 19

 <210> 11
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 11
 caagctcttc cctggccgg 19

 <210> 12
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 12
 ccggccaggg aagagcttg 19

 <210> 13
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 13
 tcttccctgg ccggtgac 19

 <210> 14
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 14

gtcagccggc caggaaga	19
<210> 15	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Decoy-Oligonucleotide	
<400> 15	
ctggccggct gaccctgcc	19
<210> 16	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Decoy-Oligonucleotide	
<400> 16	
ggcaggtca gccggccag	19
<210> 17	
<211> 16	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Decoy-Oligonucleotide	
<400> 17	
tccctggccg gctgac	16
<210> 18	
<211> 16	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Decoy-Oligonucleotide	
<400> 18	
gtcagccggc cagga	16
<210> 19	
<211> 10	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Decoy-Oligonucleotide	
<400> 19	
ctggccggct	10

<210>	20	
<211>	10	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<400>	20	
	agccggccag	10
<210>	21	
<211>	10	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<400>	21	
	ctggctggct	10
<210>	22	
<211>	10	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<400>	22	
	agccagccag	10
<210>	23	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<220>		
<221>	misc_feature	
<222>	(9)..(9)	
<223>	Y=c or t	
<400>	23	
	tccctggcyg gctgac	16
<210>	24	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<220>		
<221>	misc_feature	

<222> (8)..(8)
<223> R=a or g

<400> 24
gtcagccrgc cagggga

16

<210> 25
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<220>
<221> misc_feature
<222> (6)..(6)
<223> Y=c or t

<400> 25
ctggcyggct gac

13

<210> 26
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<220>
<221> misc_feature
<222> (8)..(8)
<223> R=a or g

<400> 26
gtcagccrgc cag

13

<210> 27
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<220>
<221> misc_feature
<222> (6)..(7)
<223> B=g or t or c

<220>
<221> misc_feature
<222> (11)..(11)
<223> B=g or t or c

<220>
<221> misc_feature
<222> (9)..(9)
<223> Y=c or t

<400> 27
tccctbbcyg bctgac

16

<210> 28
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<220>
<221> misc_feature
<222> (6)..(6)
<223> V=g or c or a

<220>
<221> misc_feature
<222> (10)..(11)
<223> V=g or c or a

<220>
<221> misc_feature
<222> (8)..(8)
<223> R=a or g

<400> 28
gtcagvcrgv vaggga

16

<210> 29
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<220>
<221> misc_feature
<222> (5)..(6)
<223> B=g or t or c

<220>
<221> misc_feature
<222> (10)..(10)
<223> B=g or t or c

<220>
<221> misc_feature
<222> (8)..(8)
<223> Y= c or t

<400> 29
ccctbbcygb ctg

13

<210> 30
<211> 13
<212> DNA

<213> Artificial Sequence

<220>

<223> Decoy-Oligonucleotide

<220>

<221> misc_feature

<222> (4)..(4)

<223> V=g or c or a

<220>

<221> misc_feature

<222> (8)..(9)

<223> V=g or c or a

<220>

<221> misc_feature

<222> (6)..(6)

<223> R=a or g

<400> 30

cagvcrgvva ggg

13

<210> 31

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Decoy-Oligonucleotide

<220>

<221> misc_feature

<222> (3)..(4)

<223> B=g or t or c

<220>

<221> misc_feature

<222> (8)..(8)

<223> B=g or t or c

<220>

<221> misc_feature

<222> (6)..(6)

<223> Y=c or t

<400> 31

ctbbcygbct gac

13

<210> 32

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Decoy-Oligonucleotide

<220>

<221> misc_feature

<222> (6)..(6)

<223> V=g or c or a

<220>
<221> misc_feature
<222> (10)..(11)
<223> V=g or c or a

<220>
<221> misc_feature
<222> (8)..(8)
<223> R=a or g

<400> 32
gtcagvcrgv vag

13

<210> 33
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<220>
<221> misc_feature
<222> (3)..(4)
<223> B=g or t or c

<220>
<221> misc_feature
<222> (8)..(8)
<223> B=g or t or c

<220>
<221> misc_feature
<222> (6)..(6)
<223> Y=c or t

<400> 33
ctbbcygbct

10

<210> 34
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<220>
<221> misc_feature
<222> (3)..(3)
<223> V=g or c or a

<220>
<221> misc_feature
<222> (7)..(8)
<223> V=g or c or a

<220>
<221> misc_feature

<222>	(5)..(5)	
<223>	R=a or g	
<400>	34	
	agvcrgvvag	10
<210>	35	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<400>	35	
	gagtctggcc aacacaaatc c	21
<210>	36	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<400>	36	
	gacctctagg gtcatgcagg t	21
<210>	37	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	DNA Oligonucleotide	
<400>	37	
	gggtcagccg gccagggaa	19
<210>	38	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	DNA Oligonucleotide	
<400>	38	
	agcttgatgc cctggtggga g	21
<210>	39	
<211>	18	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Primer	

<400> 39
ggaacctgtg tgaccctc 18

<210> 40
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 40
ccacgtcata ctcacca 18

<210> 41
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 41
gtactccaca ttctacttc t 21

<210> 42
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 42
tttgggtcta ttccgttggtg tc 22

<210> 43
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 43
ggacacccat cccaaatcag tc 22

<210> 44
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 44
cacggtgaaa tactgcctgg tg 22

<210> 45
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 45
tcaccatctt ccaggagcg 19

<210> 46
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 46
ctgcttcacc accttcttga 20

<210> 47
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 47
gttcatccgg caccagtcag 20

<210> 48
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 48
acgtgcacat gagctgccta c 21

<210> 49
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<400> 49
cctgcattct gggaactgta g 21

<210> 50
<211> 21

<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<400> 50
cctgtatgcc gtgagctata g 21

<210> 51
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<400> 51
gccggctgac cctgcctca 19

<210> 52
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<400> 52
tcttcctag ctgactgac 19

<210> 53
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<400> 53
tccctgaccg actcag 16

<210> 54
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<400> 54
tccctagctg actgac 16

<210> 55
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
 <223> Decoy-Oligonucleotide

 <400> 55
 gtgcatttcc cgtaaattctt gtctaca 27

<210> 56
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 56
 ctgggaactg tagtttccct ag 22

<210> 57
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 57
 accctgtcat tcagtgacgc ac 22

<210> 58
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> DNA Oligonucleotide

<400> 58
 gctcccacca ggcatcaag ct 22

<210> 59
 <211> 16
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> DNA Oligonucleotide

<400> 59
 ttccctggcc ggctga 16

<210> 60
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 60
ggatgtggct gtctgcatgg ac 22

<210> 61
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 61
tggtccacga tggtgacttt gg 22

<210> 62
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 62
gaccacagtc catgccatca ctgc 24

<210> 63
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 63
atgaccttgc ccacagcctt gg 22

HEC-007 PCT-130104.ST25.txt
SEQUENCE LISTING

<110> Avontec GmbH

<120> Formulierung zur Einschleusung von Nukleinsäuren in eukaryotische Zellen

<130> HEC-007 PCT

<140> PCT/DE 03/02901

<141> 2003-09-02

<150> 102 40 418.6

<151> 2002-09-02

<160> 15

<170> PatentIn version 3.1

<210> 1

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Decoy-Oligonukleotid

<400> 1

cgcttgatga ctcagccgga a

21

<210> 2

<211> 20

<212> DNA

<213> Artificial sequence

<220>

<223> Decoy-Oligonukleotid

<400> 2

tgagattgc gcaatctgca

20

<210> 3

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> Decoy-Oligonukleotid

<400> 3

catgttatgc atattcctgt aagtg

25

<210> 4

<211> 17

<212> DNA

<213> Artificial sequence

<220>

<223> Antisense-Oligonukleotid

<400> 4

atgtccctcc gagtcta

17

<210> 5

<211> 17

<212> DNA

<213> Artificial sequence

<220>

<223> Antisense-Oligonukleotid

<400> 5

ctcgatcctg actactg

17

<210> 6

<211> 17

<212> DNA

<213> Artificial sequence

<220>

<223> Antisense-Oligonukleotid

<400> 6

caaaggtagc acacgag

17

<210> 7

<211> 17

<212> DNA

<213> Artificial sequence

<220>

<223> Antisense-Oligonukleotid

<400> 7

acatggacac gaagcag

17

<210> 8

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 8

caaggtcagc aactacagcc gaggg

25

<210> 9

<211> 24

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 9

tgagcagcca cagcagcatt aggg

24

<210> 10

<211> 24

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 10

ctgtgtagcc accatgtgca gtgc

24

<210> 11

<211> 22

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 11

tgtgacaatc ctcccaccag cg

22

<210> 12

<211> 24

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 12

ccaagcgag cctcttcttc aacc

24

<210> 13

<211> 26

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 13

ccagcagcgt ggaggcagca tctgcc

26

<210> 14

<211> 22

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 14

ccatcgccac ctttcagatt gc

22

<210> 15

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 15

cggagtataa ctggaactgc ttgcg

25